

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107145.D
 Acq On : 6 Jul 2018 1:54
 Operator : JU/SJ
 Sample : J3816-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:14:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

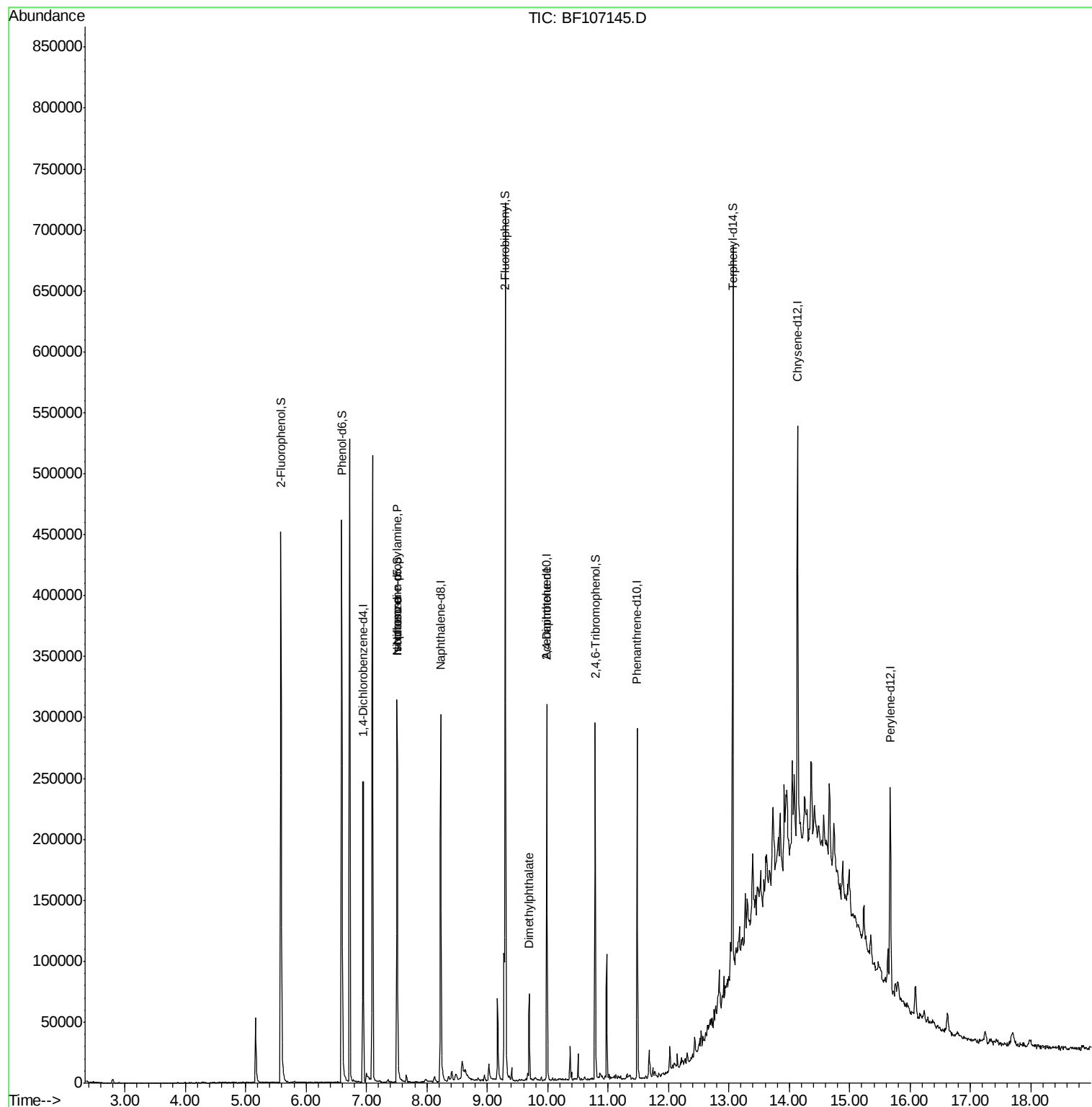
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	39355	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	147761	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	64562	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	110245	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	119803	20.00	ng	-0.03
86) Perylene-d12	15.67	264	83051	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	143644	61.81	ng	-0.02
7) Phenol-d6	6.59	99	176130	60.68	ng	-0.02
23) Nitrobenzene-d5	7.51	82	109596	41.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	41117	54.95	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	219060	51.64	ng	-0.02
78) Terphenyl-d14	13.07	244	232872	47.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	13685	7.153	ng	# 73
25) Isophorone	7.51	82	109596	23.392	ng	# 64
49) Dimethylphthalate	9.70	163	33474	6.913	ng	100
56) 2,4-Dinitrotoluene	9.99	165	8210	6.134	ng	# 21

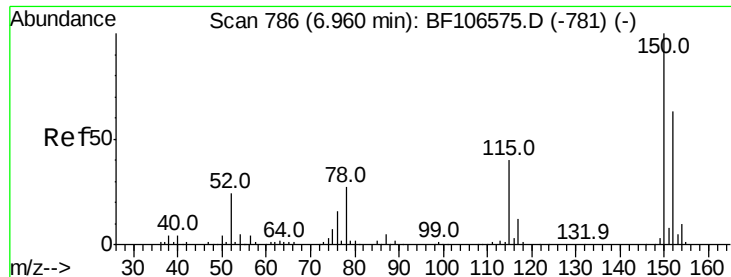
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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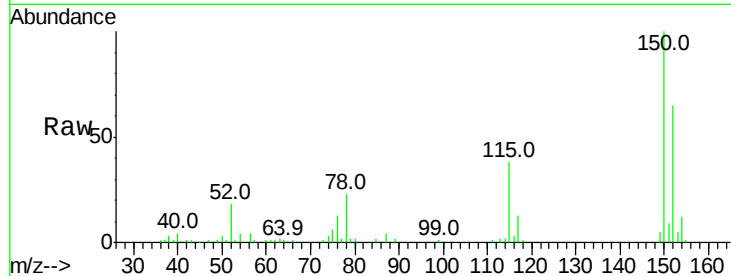


#1

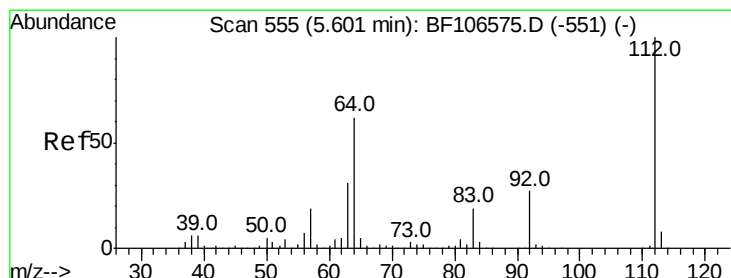
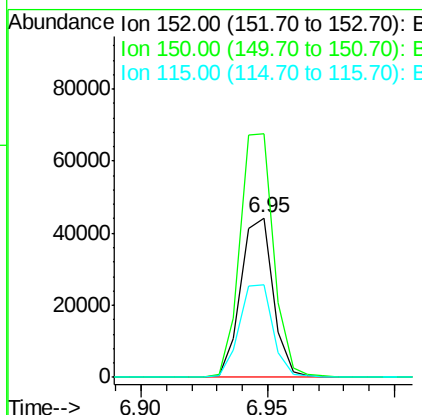
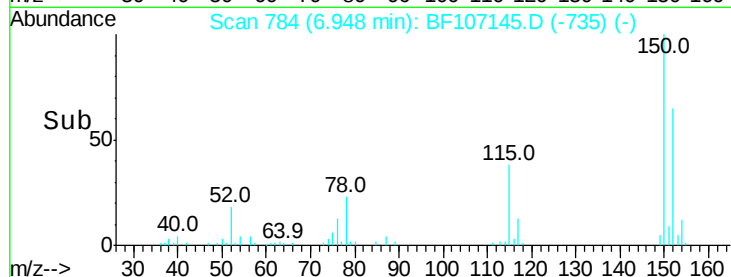
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107145.D
Acq: 6 Jul 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39355
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 57.8 50.1 75.1



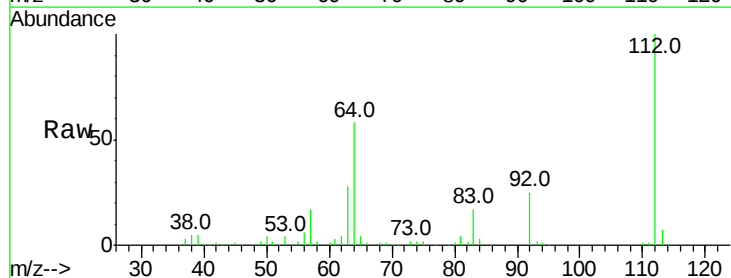
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



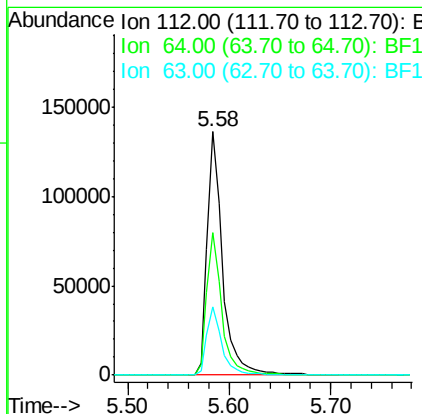
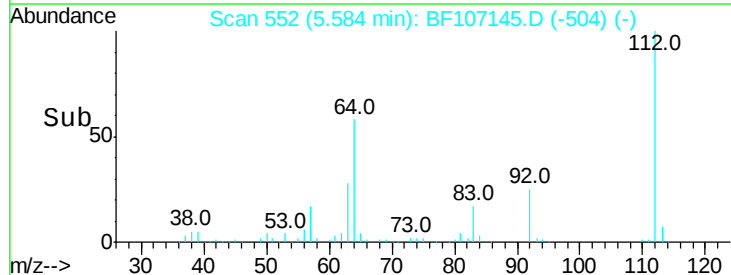
#5

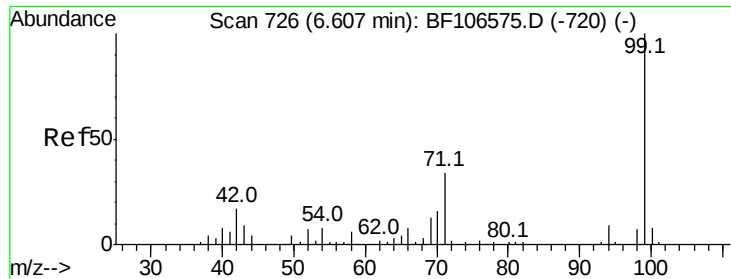
2-Fluorophenol
Concen: 61.805 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107145.D
Acq: 6 Jul 2018 1:54

Tgt Ion:112 Resp: 143644
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.684 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Instrument :

BNA_F

ClientSampleId :

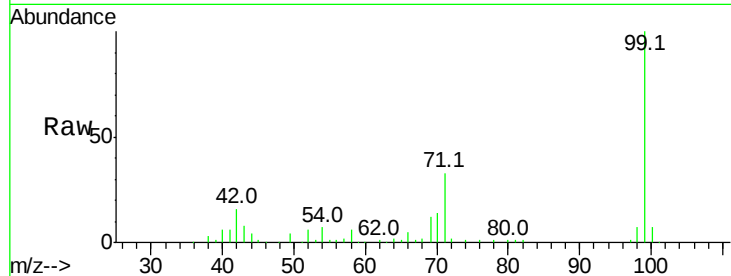
Tot Ion: 99 Resp: 176130

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

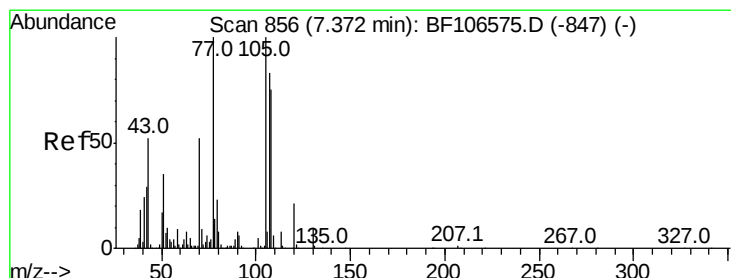
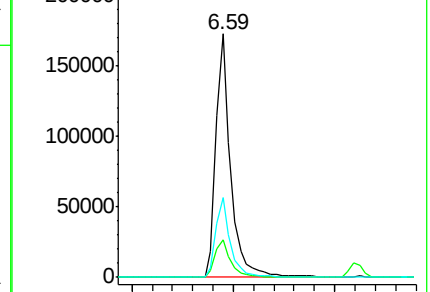
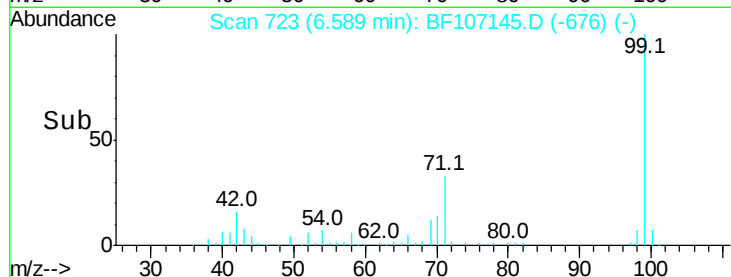
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 7.153 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Tgt Ion: 70 Resp: 13685

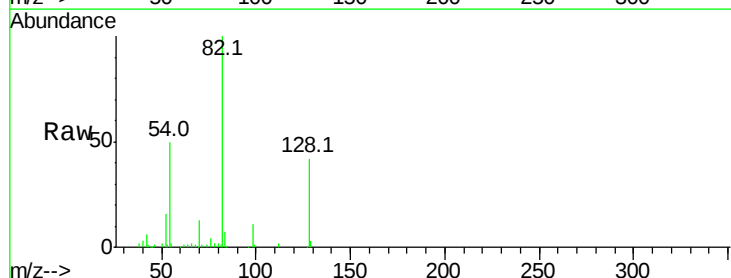
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

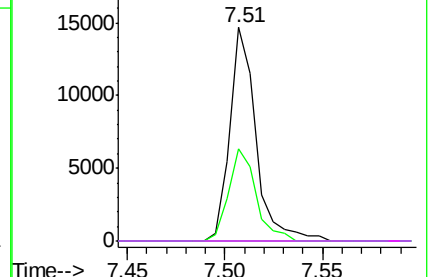
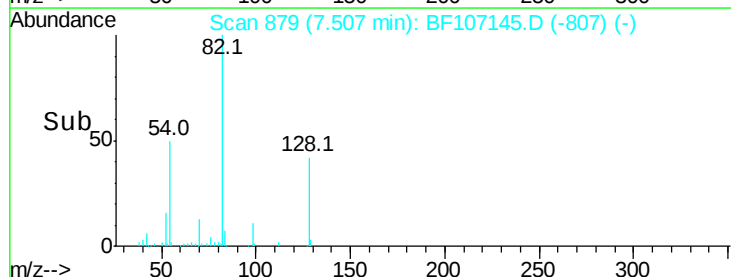


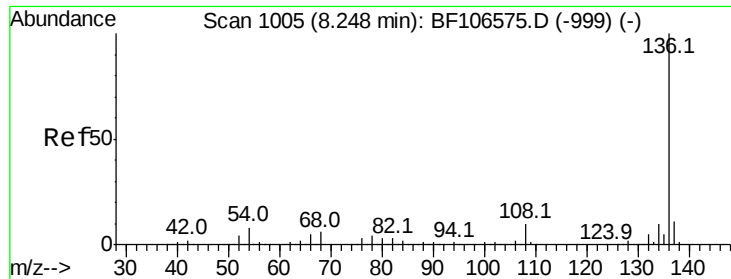
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

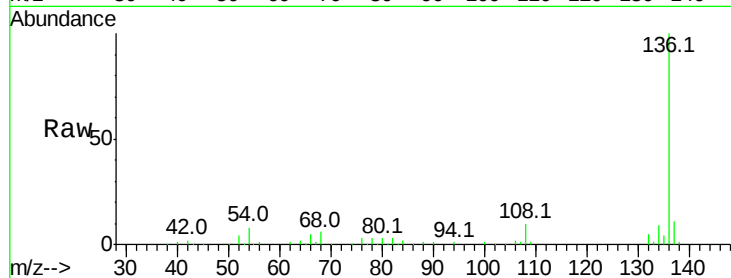




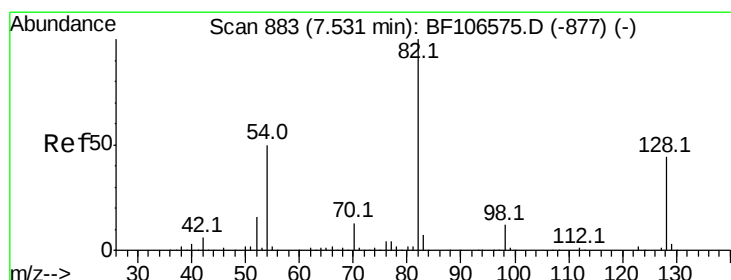
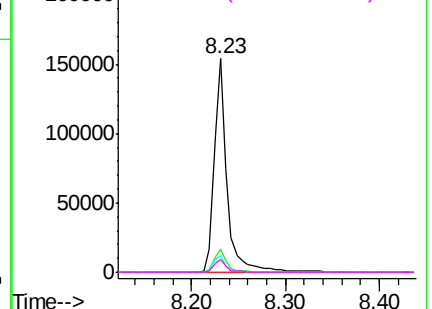
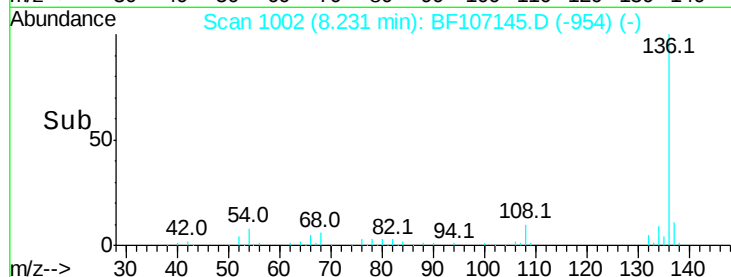
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107145.D
Acq: 6 Jul 2018 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	147761
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	6.2	5.0	7.4

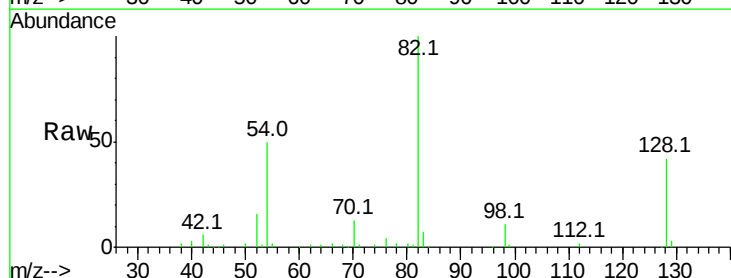


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

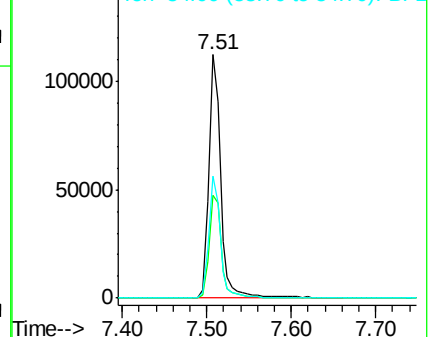
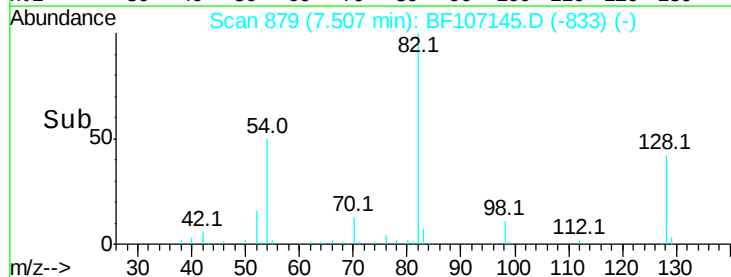


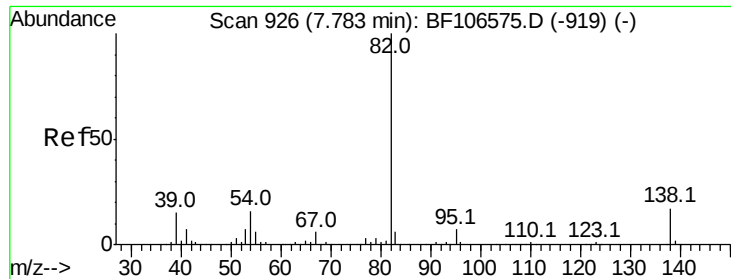
#23
Nitrobenzene-d5
Concen: 41.220 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107145.D
Acq: 6 Jul 2018 1:54

Tgt Ion:	82	Resp:	109596
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	50.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.392 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Instrument :

BNA_F

ClientSampled :

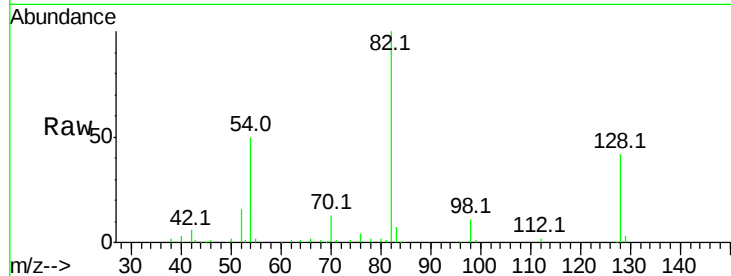
Tot Ion: 82 Resp: 109596

Ion Ratio Lower Upper

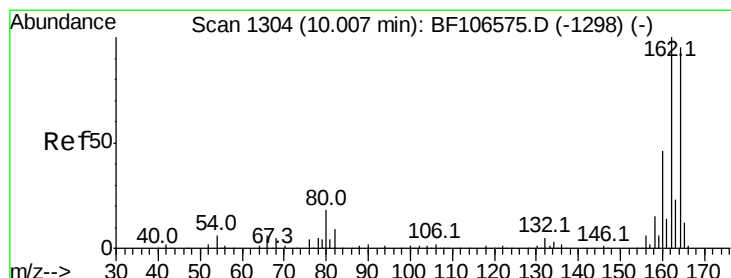
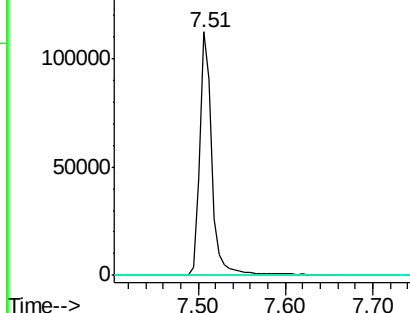
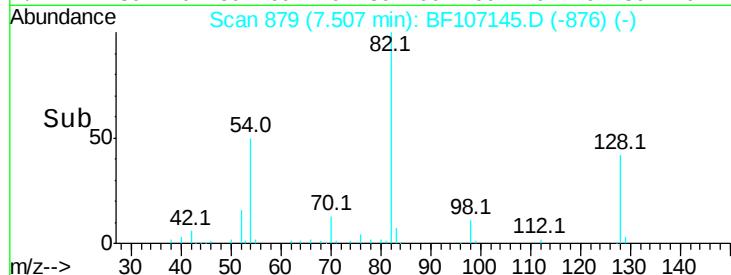
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

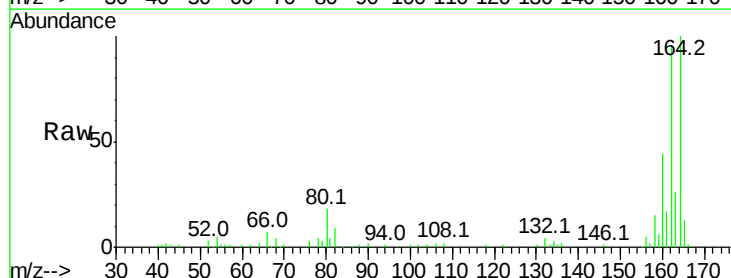
Tgt Ion:164 Resp: 64562

Ion Ratio Lower Upper

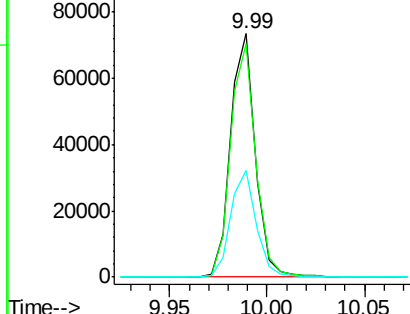
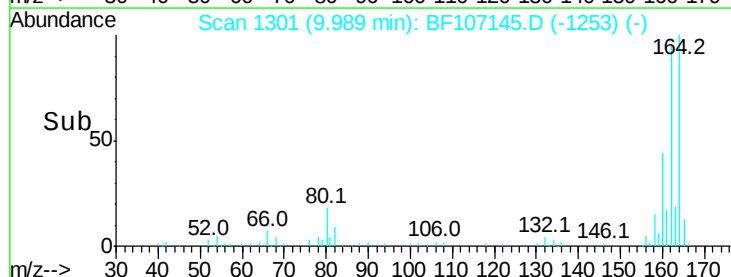
164 100

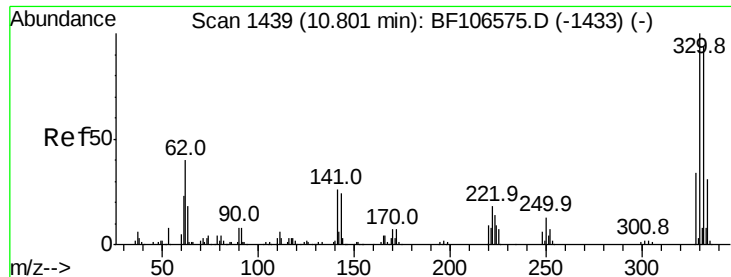
162 95.7 86.1 129.1

160 43.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

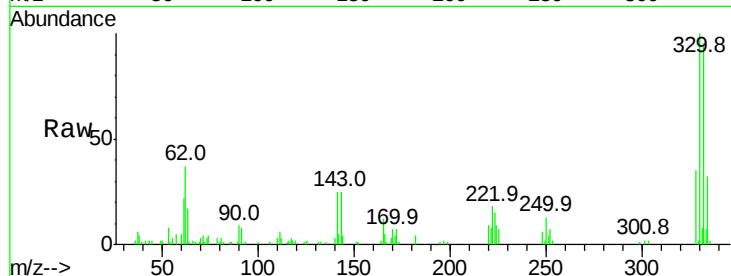




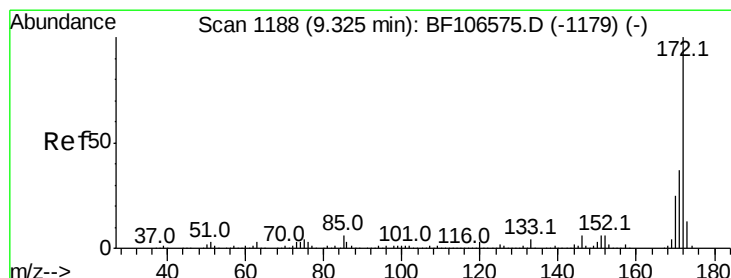
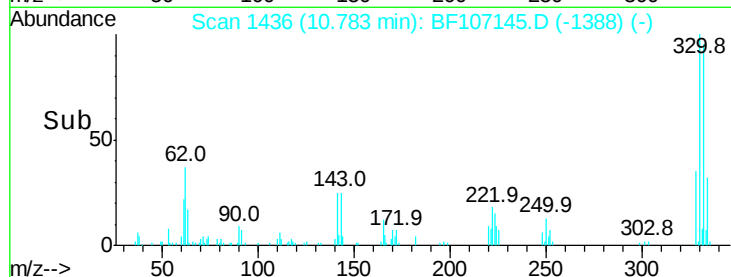
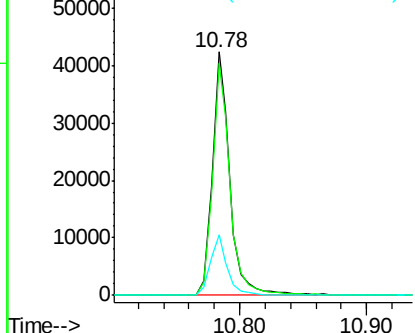
#41
 2,4,6-Tribromophenol
 Concen: 54.948 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107145.D
 Acq: 6 Jul 2018 1:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 41117
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 23.9 29.9 44.9#

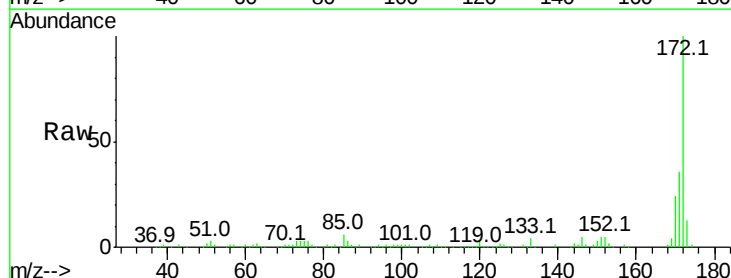


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

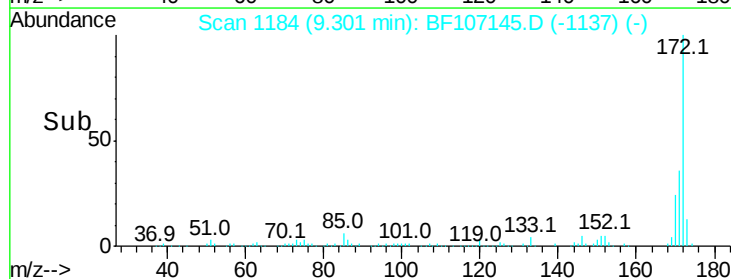
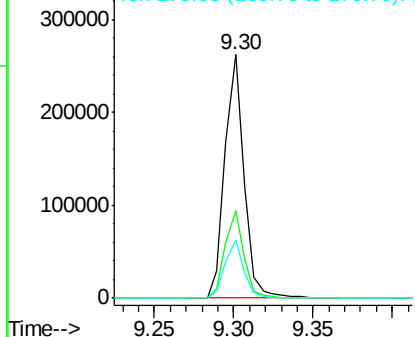


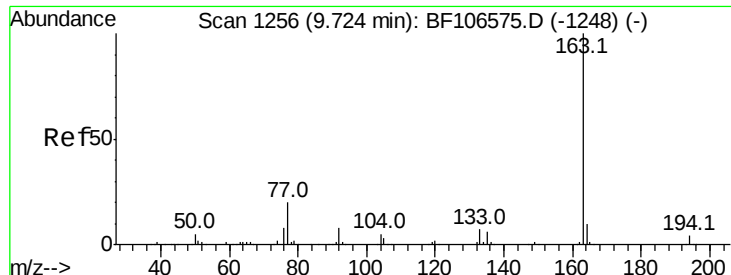
#44
 2-Fluorobiphenyl
 Concen: 51.642 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107145.D
 Acq: 6 Jul 2018 1:54

Tgt Ion:172 Resp: 219060
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.913 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Instrument :

BNA_F

ClientSampled :

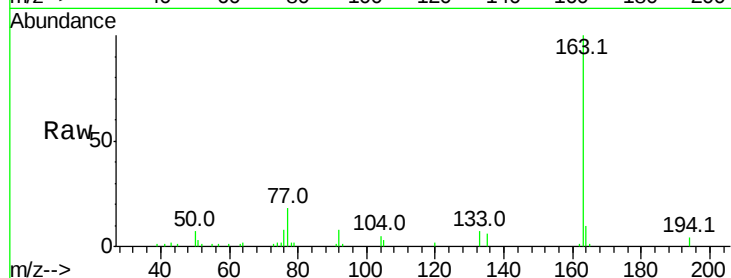
Tot Ion:163 Resp: 33474

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

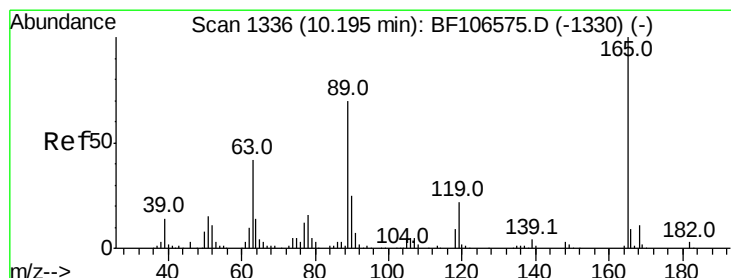
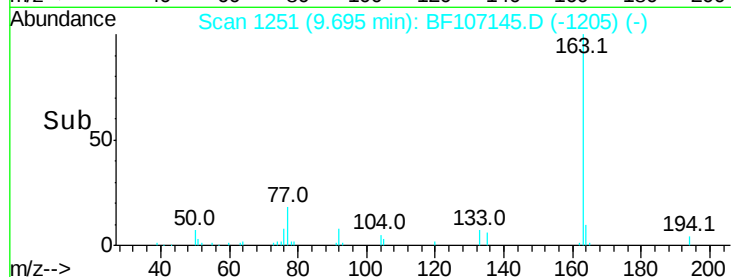
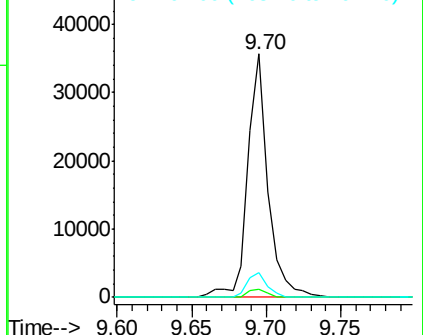
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.134 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Tgt Ion:165 Resp: 8210

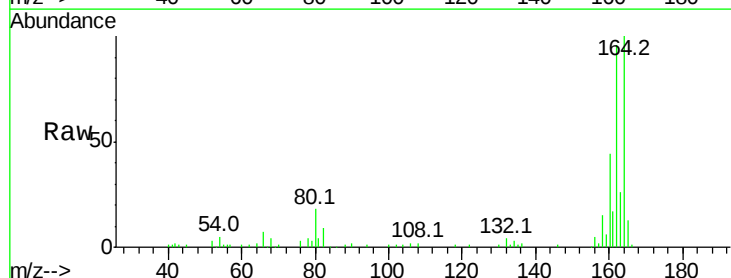
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

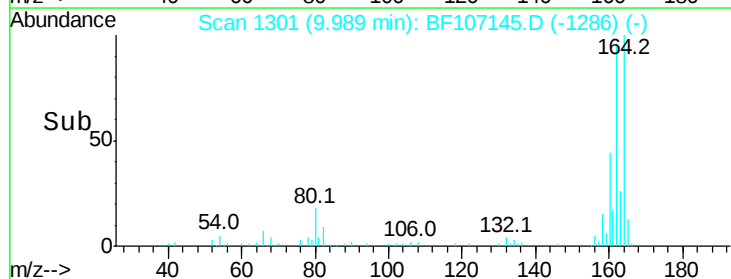
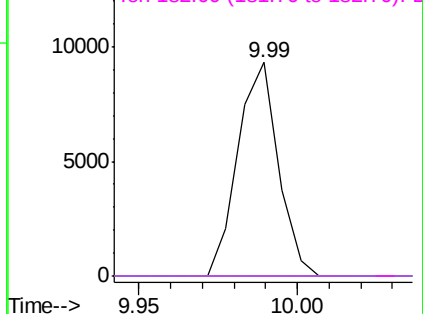


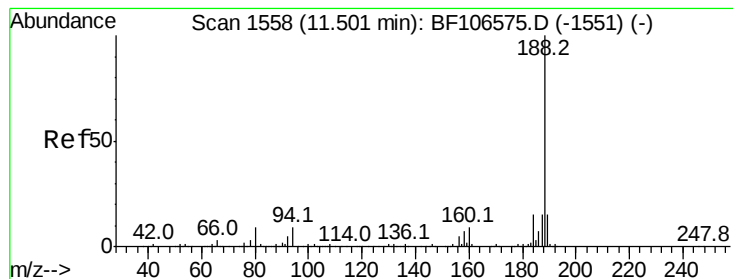
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

Instrument :

BNA_F

ClientSampleId :

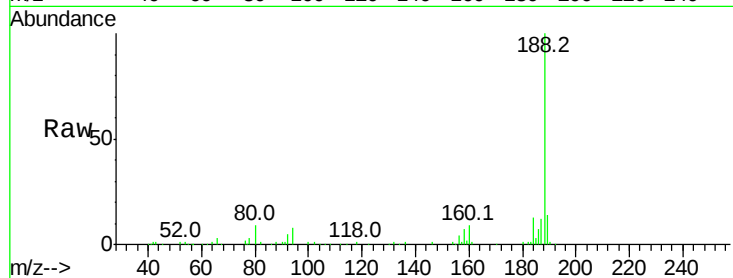
Tot Ion:188 Resp: 110245

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

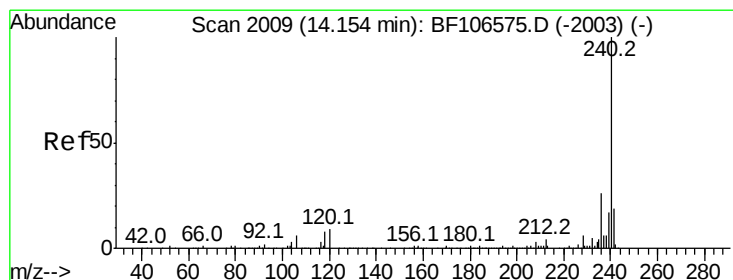
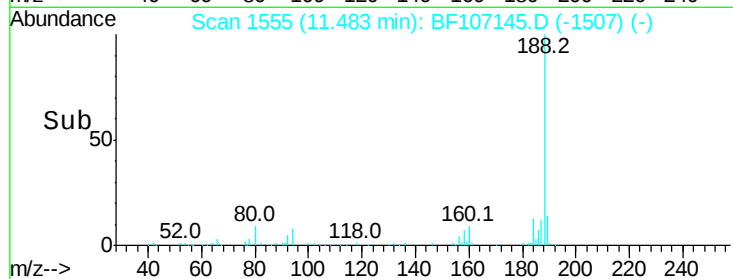
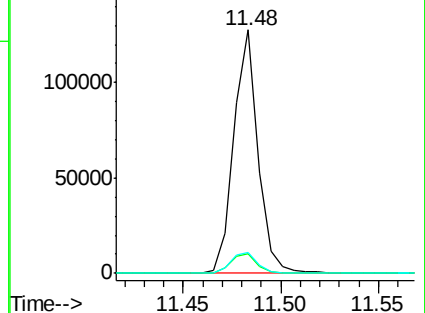
80 8.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107145.D

Acq: 6 Jul 2018 1:54

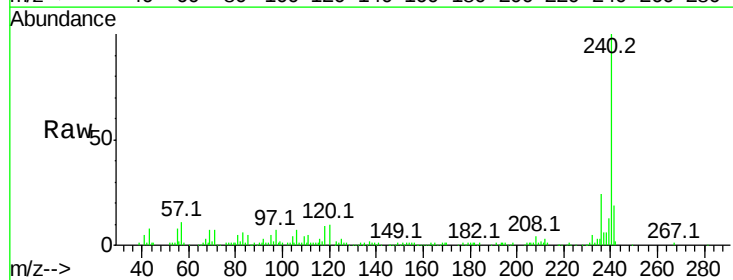
Tgt Ion:240 Resp: 119803

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

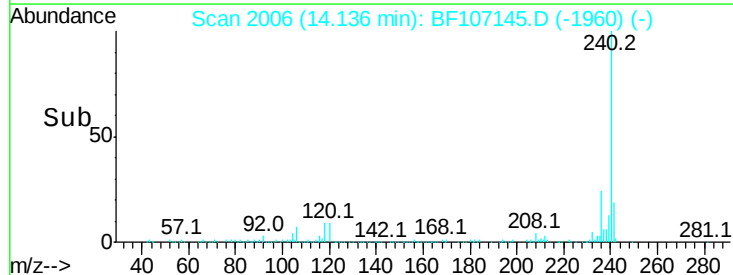
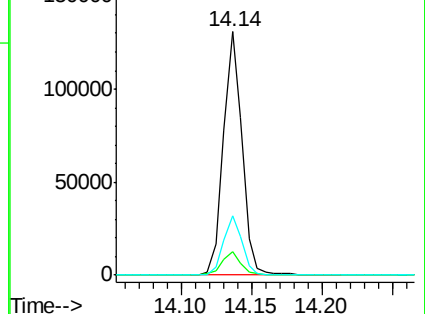
236 24.5 20.7 31.1

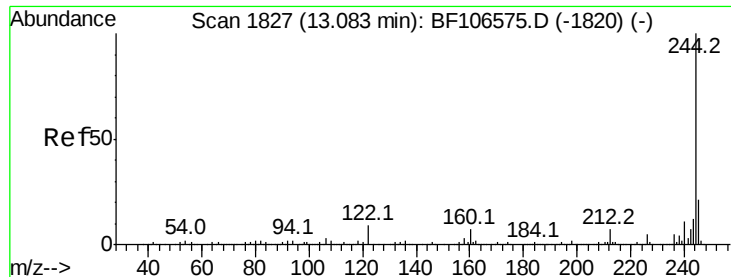


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

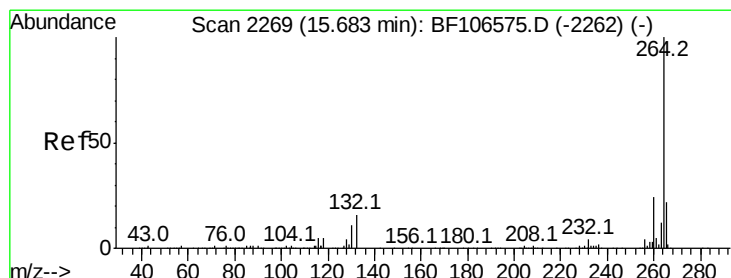
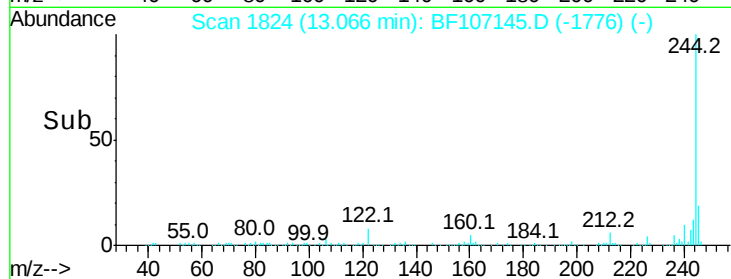
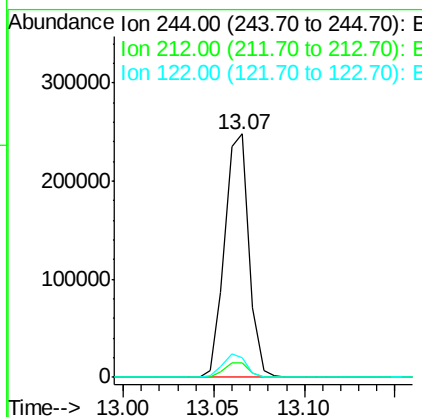
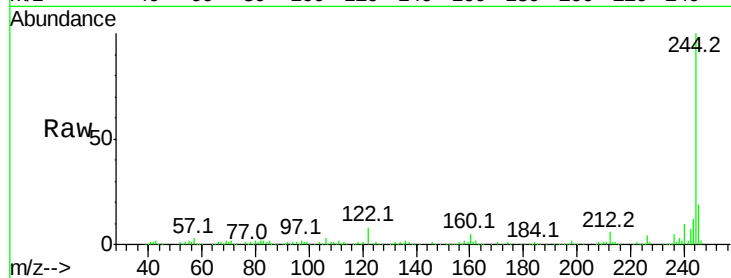




#78
 Terphenyl-d14
 Concen: 47.084 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107145.D
 Acq: 6 Jul 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 232872
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107145.D
 Acq: 6 Jul 2018 1:54

Tgt Ion:264 Resp: 83051
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.5 17.5 26.3

